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ICAO TRIP: USING TRAVELLER ID FOR STREAMLINED BORDER CONTROLS

Aruba Happy Flow

Creating a quick, secure and easy passenger facilitation through
public-private cooperation

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Old situation: repetitive identity checks



Check-in



Bag Drop



Immigration



Boarding



fly

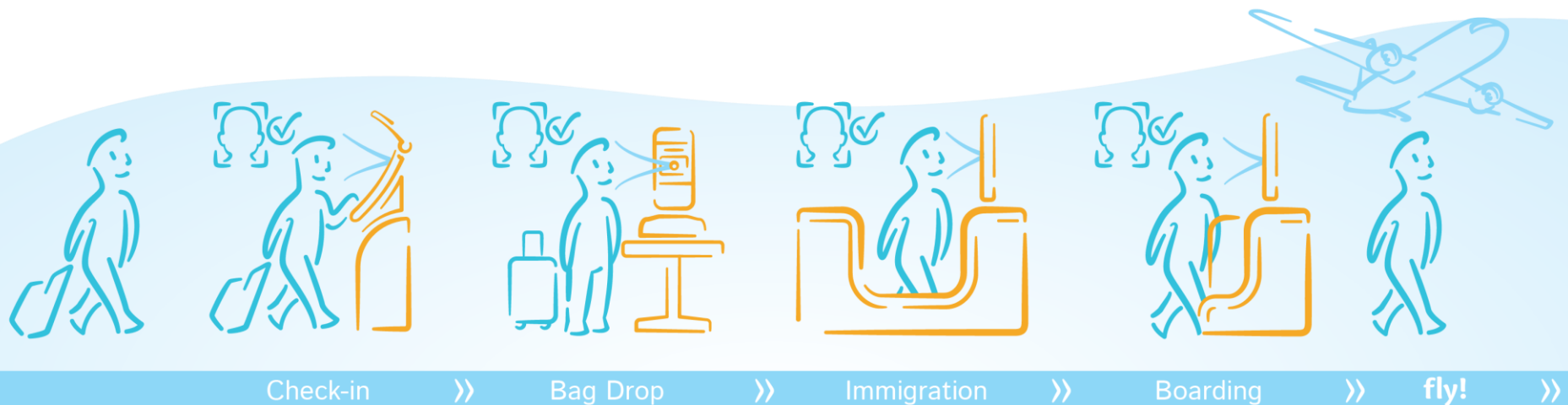


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New situation: one secure identity check reused through a biometric token





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Goal:

streamline the stakeholders processes around the passenger into one secure seamless passenger flow

How:

Connecting the stakeholders to a *shared IT-platform* that creates a uniform, secure and happy passenger experience that benefits the operations of the government, airlines and airport involved.



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Aruba Happy Flow:

Increased security

- Passenger identity securely checked each step up to boarding through re-use of biometrics
- Border control focusses on risk passengers
- Airlines have reliable document check and minimize their risk for fines
- Early information position for border control authorities
- Real-time data on the passenger

Increased passenger satisfaction

- Passengers feels empowered
- Passengers experiences a safe and secure process
- Passengers enjoy the quick and stress-free airport journey





Preconditions:

- ✓ The Government verifies and established the identity of the passenger
- ✓ ePassport is the source for authentication and verification of the passenger
- ✓ (Re)use biometrics (face)
- ✓ Open connectivity, no vendor lock in
- ✓ Be ready for interoperability local → national → international
- ✓ *Privacy by Design* as a leading principle for a data sharing system
- ✓ Data protection / data privacy
- ✓ Good understanding of and agreement on the shared responsibility and commitment from the stakeholders



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Transparency and trust between the **partners**;
accountability and policies are clear and agreed in a trust framework



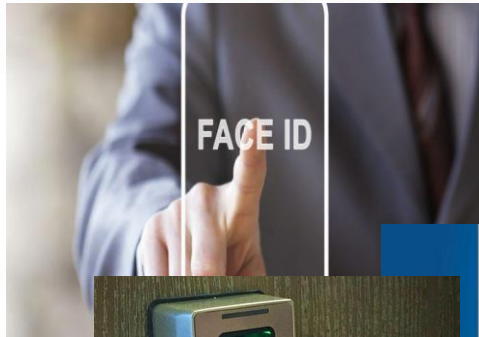


The Privacy by Design principle:

- Information between stakeholders only on a *need to know* and *allowed to know* basis. Depending on the information the stakeholder is allowed and needs that ranges from a passport copy or a simple signal: *go or no-go / ok or not-ok*
- Privacy and data protection compliance from the start of the project and built in to the platform.
- Prevent function creep; only use functionalities for which they are meant
- Determine data processor and data controller
- Perform a privacy impact assessment
- For EU GDPR standards Privacy by Design is required



Biometric identification is becoming a part of our daily lives



...and our travels





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Aruba's vision to be future proof for Happy Flow 2.0:

It's all about being prepared for connectivity and scalability

- ✓ *An IT-infrastructure that is able to connect any other airline or third party / open connectivity*
- ✓ *A solid multi-stakeholder cooperation agreement/ trust framework as the foundation for expanding cooperation with other stakeholders*
- ✓ *The Privacy by Design Principle as a rule from the start*





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Thank you !

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